



## Castrol Engine Shampoo

Helping maintain engine power and efficiency

### Description

Modern driving creates combustion by-products that can build up in your oil. When these cake and accumulate they form layers of sludge that can harm engine performance, especially in the latest precision engines.

Castrol Engine Shampoo helps to maintain engine power and efficiency by dissolving away and flushing out sludge during the oil change process.

### Application

Castrol Engine Shampoo is recommended for use in automotive engines as part of routine oil changes.

### Conditions of Use

Usage / Precautions

1. Before oil change, remove the engine oil cap and pour 1 bottle of Castrol Engine Shampoo into the engine.
  2. Start and run the engine at idle for 10 minutes.
  3. Turn off the engine, and drain the used engine oil.
  4. Change the oil filter and fill new engine oil.
- Do not move or drive the vehicle while Engine Shampoo is in use
  - Take care to avoid skin contact and possible burns when used oil is drained
  - This product may solidify under extreme cold conditions. Store at room temperatures
  - Do not use in Rotary or 2-cycle engines

### Advantages

Castrol Engine Shampoo:

- This innovation - Castrol PCA - is so powerful it can even dissolve away sludge that has already formed in your engine.
- Helps maintain engine power and efficiency by removing deposits from the surface of moving engine parts.
- Designed as a parts-friendly formulation, will not attack engine seals and other parts in spite of powerful cleaning power.
- Very simple to use: add Castrol Engine Shampoo to the engine, run at idle for ten minutes and then change the engine oil as usual.

## Typical Characteristics

Name	Method	Units	Castrol Engine Shampoo
Density @ 15C, Relative	ASTM D4052	g/ml	0.884
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	11.0
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	76
Viscosity Index	ASTM D2270	None	133
Flash Point, PMCC	ASTM D93	°C	202

## Product Performance Claims

Powerful Cleaning Agent "PCA" provides superior cleaning performance.

## Storage

All packages should be stored under cover. Should not be stored at temperatures above 60°C, exposed to hot sun or freezing conditions.

Castrol Engine Shampoo

05 Jun 2018

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, to the extent that it is permissible by law to exclude warranties and representations, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. Refer to the MSDS, available from our website for further information. No responsibility is taken by either Castrol Australia, BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Castrol Australia Pty Limited - ABN 87 008 459 407 – 132 McCredie Road, Guildford NSW 2161, Australia  
Technical Advice Line 1300 557 998 Customer Service 1300 554 890  
[www.castrol.com.au](http://www.castrol.com.au) [www.msds.castrol.com.au](http://www.msds.castrol.com.au)